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L25: Entry 14 of 14

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TITLE: CONTROL METHOD FOR AUTOMATED GUIDE VEHICLE AND AUTOMATED GUIDED DEVICE

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APPL-NO: JP08185206

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide an inexpensive automated guide device which can easily change a transportation path by permitting an automated guided vehicle to transmit an entering request to a monitor area to a ground control board and permitting the control board to judge the propriety of entering based on position information of the other automated guided vehicle to return information.

SOLUTION: The ground control board 1 judges whether an automated guided vehicle AGV 2 is to be entered into the monitor area 4 or not when it receives an entering request signal from the (AGV) 2A and 2B through a communication line, AGV2A, for example. An entering permission signal or a standby indication signal is transmitted in accordance with the judged result. The monitor area 4 is previously provided at a place where AGV2A and 2B possible simultaneously pass through like a crossing X on the transportation path 3, for example. When AGV2A receives the entering permission signal, it enters into the monitor area 4 and transmits a passage notice signal to the ground control board when it passes through the monitor area 4.

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